


IN THE ABSTRACT

Amend the Abstract as follows:

 A magnetic recording medium which comprises a substrate, an orientation control layer formed directly thereon, and a Co alloy magnetic layer formed thereon directly or indirectly with a Cr underlayer or Cr alloy underlayer interposed between them, ~~said the~~ orientation control layer having ~~the~~ an L10 crystal structure, L21 crystal structure, fcc crystal structure, or B2 (CsC1) crystal structure containing B, ~~Owing~~ owing to this construction, ~~the magnetic recording medium~~ has a high coercive force and a low noise level and is only slightly vulnerable to thermal fluctuation. A magnetic storage device having a magnetic recording medium, a driver to turn said magnetic recording medium in the recording direction, a magnetic head ~~consisting of~~ including a recording element and a read-back element, a means to move ~~said the~~ magnetic head relative to ~~said the~~ magnetic recording medium, and a record-read signal processing means to perform waveform processing on input signals to and output signals from ~~said the~~ magnetic head, ~~wherein said~~ uses this magnetic recording medium ~~is the one mentioned above and the~~ has a magnetoresistive effect read-back element ~~of said~~ in its magnetic head ~~is that of~~ magnetoresistive effect type. This magnetic storage device has a recording density in excess of 3 Gbit/in².